

Please amend the claims as follows.

1. (Currently amended) A method for monitoring the position of a door, comprising:

detecting a trigger event;

transmitting a detection signal toward a predetermined location in response to the trigger event;

determining whether a reflected detection signal is received;

determining that a door is in a first position if the reflected detection signal is received; and

in response to determining the door is in the first position:

generating a warning indication; and

transmitting an activation signal operable to move the door to a second position if a disable signal is not received within a predetermined period of time ~~if the reflected detection signal is received.~~

2. (Currently amended) The method of Claim 1, further comprising waiting a second predetermined period of time between detecting the trigger event and transmitting the detection signal.

3. (Original) The method of Claim 1, wherein the detection signal is encoded.

4. (Original) The method of Claim 1, wherein detecting a trigger event comprises detecting a light has turned off.

5. (Original) The method of Claim 1, wherein detecting a trigger event comprises detecting a button has been pushed.

6. (Currently amended) The method of Claim 1, wherein generating the warning indication comprises further comprising:

transmitting an activation ~~a second activation~~ signal operable to move the door from the first ~~second~~ position to a third ~~the first~~ position ~~if the reflected detection signal is received;~~

waiting ~~wait~~ a second predetermined period of time; and

transmitting an activation signal operable to move the door from the ~~to a~~ third position to the first position ~~if a disable signal is not detected.~~

7. (Original) The method of Claim 1, wherein the detection signal comprises an ultraviolet signal.

8. (Original) The method of Claim 1, wherein the detection signal comprises an infrared signal.

9. (Canceled)

10. (Original) The method of Claim 1, further comprising:

transmitting a second detection signal toward a predetermined location after transmitting the activation signal;

determining whether a second reflected detection signal is received after transmitting the second detection signal;

determining that a door is in a first position if the second reflected detection signal is received; and

transmitting a second activation signal operable to move the door to a second position if the second reflected detection signal is received.

11. (Currently amended) A system for monitoring the position of a door comprising:

a transmitter operable to transmit a detection signal;

a receiver operable to receive a reflected detection signal; and

a processor operable to:

detect a trigger event;

transmit a detection signal in response to the trigger event;

determine whether a reflected detection signal is received;

determine a door is in a first position if the reflected detection signal is received; and

in response to determining the door is in the first position:

generate a warning indication; and

signal a door opener to move the door to a second position if the processor does not detect a disable signal within a predetermined period of time
~~if the reflected detection signal is received~~

12. (Original) The system of Claim 11, wherein the detection signal comprises an encoded detection signal.

13. (Original) The system of Claim 11, wherein the processor is further operable to detect a trigger event by detecting a light has turned off.

14. (Original) The system of Claim 11, wherein the processor is further operable to detect a trigger event by detecting a button has been pushed.

15. (Currently amended) The system of Claim 11, wherein the processor is operable to generate the warning indication ~~by signal a door opener by:~~

signaling the door ~~a door~~ opener to move the door to a third ~~the first~~ position;

waiting a second predetermined period of time; and

signaling the door opener to move the door from the ~~to a~~ third position to the first position.

16. (Original) The system of Claim 11, wherein the detection signal comprises an ultraviolet signal.

17. (Original) The system of Claim 11, wherein the detection signal comprises an infrared signal.

18. (Canceled)

19. (Currently amended) The system of Claim 11, wherein the processor is further operable to:

transmit a second detection signal toward a predetermined location after signaling the door opener to move the door to the second position ~~transmitting the activation signal;~~

determine whether a second reflected detection signal is received after transmitting the second detection signal;

determine that the door ~~a door~~ is in the first ~~a first~~ position if the second reflected detection signal is received; and

signal the door opener a second time ~~transmit a second activation signal operable~~ to move the door to a second position in response to determining that the door is in the first position ~~if the second reflected detection signal is received.~~

20. (Currently amended) A system for monitoring the position of a door comprising:

a transmitter operable to transmit a detection signal;

a receiver operable to receive a reflected detection signal;

a door opener operable to move a door between a first position and a second position;

a reflector, mounted on a door and operable to reflect the detection signal transmitted by the transmitter; and

a processor operable to:

detect a trigger event;

transmit a detection signal in response to the trigger event;

determine whether a reflected detection signal is received;

determine the door is in a first position if the reflected detection signal is received; and

in response to determining the door is in the first position:

generate a warning indication; and

signal the door opener to move the door to a second position if the processor does not detect a disable signal within a predetermined period of time
~~if the reflected detection signal is received.~~

21. (Original) The system of Claim 20, wherein the processor is further operable to detect a trigger event by detecting a light has turned off.

22. (Original) The system of Claim 20, wherein the processor is further operable to detect a trigger event by detecting a button has been pushed.

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Currently amended) A system for detecting the position of a door, comprising:

means for detecting a trigger event;

means for transmitting a detection signal in response to the trigger event;

means for checking for a reflected detection signal;

means for determining a door is in a first position in response to receiving the reflected detection ~~a return~~ signal;

means for generating a warning indication in response to determining the door is in the first position; and

means for transmitting, in response to determining the door is in the first position, an activation signal if a disable signal is not received within a predetermined period of time, the activation signal operable to move the door to a second position ~~in response to determining the door is in the first position.~~

28. (New) The system of Claim 11, wherein the processor is further operable to:

transmit a second detection signal toward a predetermined location a predetermined period of time after transmitting the activation signal;

determining whether a second reflected signal is received after transmitting the second detection signal; and

transmitting a second activation signal operable to move the door to the second location if the second reflected detection signal is received.

29. (New) The system of Claim 20, wherein the processor is further operable to:

transmit a second detection signal toward a predetermined location a predetermined period of time after transmitting the activation signal;

determining whether a second reflected signal is received after transmitting the second detection signal; and

transmitting a second activation signal operable to move the door to the second location if the second reflected detection signal is received.

30. **(New)** A method for monitoring the position of a door, comprising:

detecting a trigger event;

transmitting a detection signal toward a predetermined location in response to the trigger event;

determining whether a reflected detection signal is received;

determining that a door is in a first position if the reflected detection signal is received; and

in response to determining the door is in the first position:

transmitting an activation signal operable to move the door to a second position;

transmitting a second detection signal toward a predetermined location after transmitting the activation signal;

determining whether a second reflected detection signal is received after transmitting the second detection signal;

determining that the door is in the first position if the second reflected detection signal is received; and

transmitting a second activation signal operable to move the door to the second position in response to determining the door is in the first position.

31. **(New)** The method of Claim 30, further comprising waiting a predetermined period of time between detecting the trigger event and transmitting the first detection signal.

32. **(New)** The method of Claim 30, wherein the detection signal is encoded.

33. **(New)** The method of Claim 30, wherein detecting the trigger event comprises detecting a light has turned off.

34. **(New)** The method of Claim 30, wherein detecting the trigger event comprises detecting a button has been pushed.

35. **(New)** The method of Claim 30, wherein the detection signal comprises an ultraviolet signal.

36. **(New)** The method of Claim 30, wherein the detection signal comprises an infrared signal.

37. (New) A system for monitoring the position of a door comprising:

a transmitter operable to transmit a detection signal;

a receiver operable to receive a reflected detection signal; and

a processor operable to:

detect a trigger event;

transmit a detection signal in response to the trigger event;

determine whether a reflected detection signal is received;

determine that a door is in a first position if the reflected detection signal is received; and

in response to determining the door is in the first position:

signal a door opener to move the door to a second position;

transmit a second detection signal toward a predetermined location after signaling the door opener to move the door to the second position;

determine whether a second reflected detection signal is received after transmitting the second detection signal;

determine that the door is in the first position if the second reflected detection signal is received; and

signal the door opener a second time to move the door to a second position in response to determining that the door is in the first position.

38. (New) The system of claim 37, wherein the detection signal comprises an encoded detection signal.

39. (New) The system of claim 37, wherein the processor is further operable to detect a trigger event by detecting a light has turned off.

40. (New) The system of claim 37, wherein the processor is further operable to detect a trigger event by detecting a button has been pushed.

41. (New) The system of claim 37, wherein the detection signal comprises an ultraviolet signal.

42. (New) The system of claim 37, wherein the detection signal comprises an infrared signal.

43. (New) A system for monitoring the position of a door comprising:

a transmitter operable to transmit a detection signal;

a receiver operable to receive a reflected detection signal;

a door opener operable to move a door between a first position and a second position;

a reflector, the reflector mounted on a door and operable to reflect the detection signal transmitted by the transmitter; and

a processor operable to:

detect a trigger event;

transmit a detection signal in response to the trigger event;

determine whether a reflected detection signal is received;

determine that the door is in the first position if the reflected signal is received; and

in response to determining that the door is in the first position:

signal the door opener to move the door to a second position;

transmit a second detection signal toward a predetermined location a predetermined period of time after signaling the door opener to move the door to the second position;

determine whether a second reflected detection signal is received after transmitting the second detection signal;

determine that the door is in the first position if the second reflected detection signal is received; and

signal the door opener a second time to move the door to the second position if the second reflected detection signal is received.

44. **(New)** The system of Claim 43, wherein the processor is further operable to detect a trigger event by detecting a light has turned off.

45. **(New)** The system of Claim 43, wherein the processor is further operable to detect a trigger event by detecting a button has been pushed.